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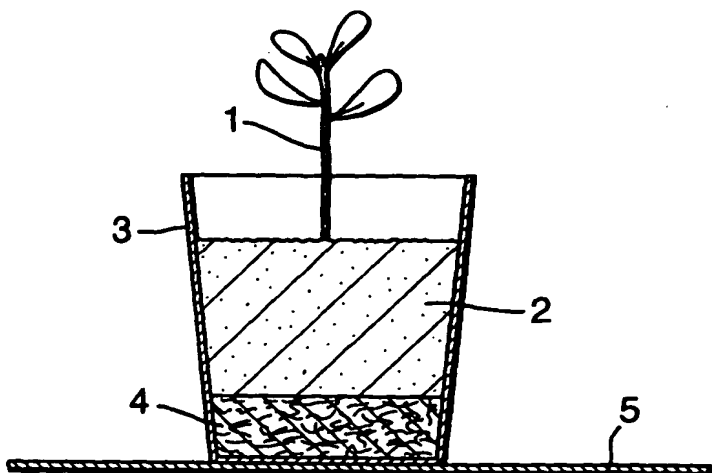
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(54) Title: METHOD AND ENVIRONMENT FOR GROWING PLANTS



(57) **Abstract:** The invention provides a method of growing at least one plant (1), preferably a large number of plants, in which a plant is positioned for growth in a first growth substrate (2) which has a first water uptake capacity and a first sinking time S1, and the first growth substrate (2) is in fluid communication with a discrete second substrate (4) is mineral wool of density 40 to 100kg/m² and which has a second water uptake capacity which is less than the first water uptake capacity and a second sinking time S2 and the value of S1 is greater than the value of S2, and during growth the second substrate is flooded with water at intervals. Preferably growth is under conditions of drought stress and/or nutrient stress. The invention also provides a plant growth environment such as a filled pot (3) comprising the first and second substrates in fluid communication.

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